

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions, and listings, of the claims:**

1. – 10. (canceled)

11. (currently amended) A print cartridge, comprising:

a memory storing readable program code having a downloadable upgrade version of program code for a host computer that is in communication with a printer that includes the print cartridge, wherein the program code executes and determines if an incompatibility exists between the program code and an operating system of the host computer, then stores the program code in the host computer until the incompatibility is resolved.

12. (previously presented) The print cartridge of claim 11, further comprising:

program code for automatically determining whether the upgrade version of program code is required for the host computer;  
if the upgrade version is required, then downloading the upgrade version from the memory to the host computer.

13. (previously presented) The print cartridge of claim 11, further comprising:

program code for notifying a user when a partial upgrade occurs.

14. (canceled)

15. (withdrawn) The print cartridge of claim 11, wherein the upgrade version includes program code for downloading an upgrade to an operating system of the host computer.

16. (currently amended) A method of software execution, comprising:

recognizing downloadable code stored in a print cartridge;

determining if a host computer, in communication with a printer that includes the print cartridge, requires an upgrade; and

if the host computer requires the upgrade, then downloading the code from the print cartridge to the host computer; and

if an incompatibility exists between the code and an operating system of the host computer, then storing the code in the host computer until the incompatibility is resolved.

17. (previously presented) The method of claim 16 further comprising: if the host computer does not require the upgrade, then ignoring the code on the print cartridge.

18. (previously presented) The method of claim 16 further comprising: providing, by the host computer, processing capability to read and distribute the code from the print cartridge to the host computer.

19. (canceled)

20. (withdrawn) The method of claim 16 further comprising: downloading the code to update an operating system of the host computer.

21. (previously presented) The method of claim 16 further comprising: sensing when the print cartridge is positioned in the printer before downloading the code from the print cartridge to the host computer.

22. (previously presented) The method of claim 16 wherein the code further comprises code for notifying a user when a partial upgrade occurs.

23. (previously presented) The method of claim 16 wherein the code further comprises code for automatically determining whether the upgrade is required.

24. (previously presented) The method of claim 16 further comprising: determining if the code is compatible with the host computer, and if the code is not compatible with the host

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computer then aborting any downloading of the code from the print cartridge to the host computer.